

CLAIMS

What is claimed is:

1. A method of providing location-based reference
5 information in a wireless network, comprising:
receiving an information telephone call from a subscriber, a
telephone number initiating said telephone call including at least one
auxiliary digit beyond those associated with the information telephone call;
using a location-based wireless service to obtain a location
10 of said subscriber;
retrieving a short message relating to said location based on
requested information associated with said at least one auxiliary digit; and
transmitting said retrieved short message to said subscriber.
- 15 2. The method of providing location-based reference
information in a wireless network according to claim 1, wherein:
at least two auxiliary digits are included with said information
telephone call.
- 20 3. The method of providing location-based reference
information in a wireless network according to claim 1, wherein:
said information telephone call is initiated with dialed digits
"4-1-1".
- 25 4. The method of providing location-based reference
information in a wireless network according to claim 1, wherein:
said location of said subscriber is obtained using wireless or
cellular network signaling.

5. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

said obtained short message is transmitted to said subscriber substantially while said subscriber remains at said determined
5 location.

6. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

said location of said subscriber is determined using an angle
10 of arrival of a wireless signal from said subscriber.

7. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

said location of said subscriber is determined using a
15 network generated location based on a centroid of a cell site sector's radio frequency (RF) polygon.

8. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

20 said location of said subscriber is determined using a time difference of arrival of wireless signals from said subscriber.

9. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

25 said location of said subscriber is determined using time of arrival of a wireless signal from said subscriber.

10. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

said location of said subscriber is determined using the known location of a cell/sector servicing said subscriber.

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11. A method of providing location-based reference information in a wireless network, comprising:

receiving an information telephone call from a subscriber, a telephone number initiating said telephone call including at least one auxiliary digit beyond those associated with the information telephone call;

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using a location-based wireless service to obtain a location of said subscriber;

retrieving a short message relating to said location based on requested information associated with said at least one auxiliary digit; and

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transmitting said retrieved short message to said subscriber.

12. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

at least two auxiliary digits are included with said information telephone call.

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13. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

said information telephone call is initiated with dialed digits "4-1-1".

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14. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

said location of said subscriber is obtained using wireless or cellular network signaling.

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15. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

said obtained short message is transmitted to said subscriber substantially while said subscriber remains at said determined
5 location.

16. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

said location of said subscriber is determined using an angle
10 of arrival of a wireless signal from said subscriber.

17. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

said location of said subscriber is determined using a time
15 difference of arrival of wireless signals from said subscriber.

18. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

said location of said subscriber is determined using time of
20 arrival of a wireless signal from said subscriber.

19. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

said location of said subscriber is determined using the
25 known location of a cell/sector servicing said subscriber.